



Certificate of Analysis

Name	Resveratrol	CAS No.	501-36-0
Package	25kg/drum	Test Method	In house
Lot No.	R25081401	Quantity	200kg
MFG Date	2025/08/14	EXP Date	2028/08/13

Items		Specification	Results	Methods
Organoleptic				
Appearance		Off -white or yellowish powder	Conforms	Visual
Identity				
IR		Spectrum must conform	Conforms	IR
HPLC		Retention time must conform	Conforms	HPLC
Check				
Moisture %		NMT0.5	0.02	CP2020<0832>
Ash %		NMT0.5	0.07	CP2020<2302>
Related Substances	Emodin %	NMT0.1	Not detected	HPLC
	Cis-resveratrol %	NMT0.1	Not detected	HPLC
	Single impurity %	NMT0.1	0.01	HPLC
	Total impurities %	NMT0.5	0.01	HPLC
Purity%		99.0MIN	99.99	HPLC
Heavy metals ppm		NMT10	Conforms	CP2020<0821>
Lead ppm		NMT0.5	Conforms	ICP-MS
Cadmium ppm		NMT1.0	Conforms	ICP-MS
Arsenic ppm		NMT1.0	Conforms	ICP-MS
Mercury ppm		NMT0.1	Conforms	ICP-MS
Particle size		97% through 200-mesh sieve	97.5	CP2020<0982>
DBP ppm		NMT0.3	Conforms	LC-MS-MS
Residual solvents ppm	Ethanol	NMT1000	291	GC
Assay				
Assay (On dry basis) %		99.0-101.5	99.65	HPLC
Microbiology				
Total Plate Count CFU/g		NMT1000	ND	CP2020<1105>
Yeast & Mold CFU/g		NMT100	ND	CP2020<1105>
E.Coli,Salmonella and pseudomonas/g		Absent /10	ND	CP2020<1106>
Coliform MPN/g		NMT 0.92	<0.3	GB4789.3-2016
Conclusion	This product complies with enterprise standard.			
Storage	Normal temperature, airtight, dark storage.			
Remarks	*Non-Irradiation *Non-ETO *Non-Excipients			

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